# BRUHAT BENGALURU MAHANAGARA PALIKE

## YELAHANKA ZONE

NAME OF WORK : DRILLING OF BOREWELL AND PROVIDING PIPE LINE IN YELAHANKA OLD TOWN AREAS I
WARD NO.02 OF YELAHANKA SUB DIVISION

| Sl. No. | Description of Item | Unit | No. | L | B | D | Estimate Cost Rs. Qty. | 30.00 Rate | Lakhs Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3 ) | | | | | | | | |
| | Kenchenahalli to Kondappa Lyt | Cum | 1 | 1710.00 | 0.60 | 0.75 | 769.50 | | |
| | | | | | | | **769.50** | 189.00 | **145436.00** |
| | Basic Rate | 189.00 | | | | | | | |
| | Area Weightage @ 6% | 11.34 | | | | | | | |
| | **Total** | **200.34** | | | | | | | |
| 2 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includesjointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling, & testing of joints complete. (external work) (Page No.-97, Item No.13.87.7) -do- 62.50mm nominal pipes OD Pipes | | | | | | | | |
| | Kenchenahalli to Kondappa Lyt | Rmtr | 1 | 1710.00 | | | 1710.00 | 1473.40 | **2519514.00** |
| | Basic Rate | 1390.00 | | | | | | | |
| | Area Weightage @ 6% | 83.40 | | | | | | | |
| | **Total** | **1473.40** | | | | | | | |
| 3 | KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18) | | | | | | | | |
| | Kenchenahalli to Kondappa Lyt | Cum | 1 | 1710.00 | 0.60 | 0.15 | 153.90 | | |
| | | | | | | | **153.90** | 1668.00 | **256705.00** |
| | Basic Rate | 1668.00 | | | | | | | |
| | Area Weightage @ 6% | 100.08 | | | | | | | |
| | **Total** | **1768.08** | | | | | | | |
| 4 | Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering lead upto 50m and lift upto 1.5m including cost of labour complete as per specification (P.No.6 I.No.2.11) | | | | | | | | |
| | | Cum | Qty.Vide Item No.1 | | | | **769.50** | 61.00 | **46940.00** |
| | Basic Rate | 76.00 | | | | | | | |

| Sl. No. | Description of Item | Unit | No. | L | B | D | Qty. | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Area Weightage @ 6% | 4.56 | | | | | | | |
| | **Total** | **80.56** | | | | | | | |
| 2 | KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 92 / I.13.37 PWD SR 2016-17 | | | | | | | | |
| | | Each | 13 | | | | **13** | 2175.12 | **28277.00** |
| | Basic Rate | 2052.00 | | | | | | | |
| | Area Weightage @ 6% | 123.12 | | | | | | | |
| | **Total** | **2175.12** | | | | | | | |
| 3 | Miscellaneous and unforeseen charges | | | | | | | | 3128.00 |
| | | | | | | | **Grand Total Amount** | | **3000000.00** |

**( Rupees Thirty Lakhs Only)**

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2016-17, Elecrical 2014-15, PRED 2012-13 & SE-RDED approved Rate and Data Rate of Bangalore Circle.
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Assistant Engineer
Ward No.02
B.B.M.P

Executive Engineer
Yelahanka Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub Division
B.B.M.P

Administrative Approval
Accorded For 30.00 lakh Rs.
Head of A/C... P0190...
CER NO :.....317 Dt..27 01 18

TA CE (YNK)

Technical Sanction
Accorded For 30.00 lakh Rs.
Head of A/C P0190
CER NO :.....564 Dt..27 01 18

TA CE (YNK)